

07 JAN 2000 PTO INTERNATIONAL SEARCH REPORT

International Application No. 03/07416
PCT/EP 03/07416

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E04B1/344 B09B3/00 B60S5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E04B B09B B60S B62D F16N B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 297 21 907 U (HUBER SIEGFRIED) 2 April 1998 (1998-04-02) claims 1,3,5; figures page 5, line 17 -page 6, line 8 page 7, line 11 - line 28 page 9, line 4 -page 10, line 3 ---	1,5
A	WO 01 83328 A (LANGH HANS ;LANGH SHIP AB OY (FI)) 8 November 2001 (2001-11-08) abstract; claims 1-3; figures 1,2 ---	1
A	DE 41 10 419 C (THYSSEN SONNENBERG GMBH) 4 June 1992 (1992-06-04) abstract; claims 1-4; figures column 3, line 1 - line 9 column 3, line 46 -column 4, line 22 --- -/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

A document member of the same patent family

Date of the actual completion of the international search

13 November 2003

Date of mailing of the international search report

25/11/2003

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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 44 04 882 A (PREUSSAG RECYCLING GMBH ;TAMMLING ARTHUR (DE)) 17 August 1995 (1995-08-17) abstract; figures -----	1,5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/07416

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 29721907	U	02-04-1998	DE 29721907 U1	02-04-1998
WO 0183328	A	08-11-2001	FI 20001260 A	03-12-2001
			AU 5845101 A	12-11-2001
			WO 0183328 A1	08-11-2001
DE 4110419	C	04-06-1992	DE 4110419 C1	04-06-1992
DE 4404882	A	17-08-1995	DE 4404882 A1	17-08-1995

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Formblatt PCT/SA/210 (Blatt 2) (Juli 1992)

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INTERNATIONALE RECHERCHENBERICHT

Internationales Aktenzeichen

PCT/EP 03/07416

C.(Fortsetzung) ALS WESENTLICH ANGESEHENE UNTERLAGEN

Kategorie*	Bezeichnung der Veröffentlichung, soweit erforderlich unter Angabe der in Betracht kommenden Teile	Betr. Anspruch Nr.
A	<p>DE 44 04 882 A (PREUSSAG RECYCLING GMBH ;TAMMLING ARTHUR (DE)) 17. August 1995 (1995-08-17) Zusammenfassung; Abbildungen -----</p>	1,5

INTERNATIONALER RESEARCHENBERICHT

Angaben zu Veröffentlichungen, die zur selben Patentfamilie gehören

Internationaler Aktenzeichen

PCT/EP 03/07416

Im Recherchenbericht angeführtes Patentdokument		Datum der Veröffentlichung	Mitglied(er) der Patentfamilie		Datum der Veröffentlichung
DE 29721907	U	02-04-1998	DE	29721907 U1	02-04-1998
WO 0183328	A	08-11-2001	FI	20001260 A	03-12-2001
			AU	5845101 A	12-11-2001
			WO	0183328 A1	08-11-2001
DE 4110419	C	04-06-1992	DE	4110419 C1	04-06-1992
DE 4404882	A	17-08-1995	DE	4404882 A1	17-08-1995